

FIG.1

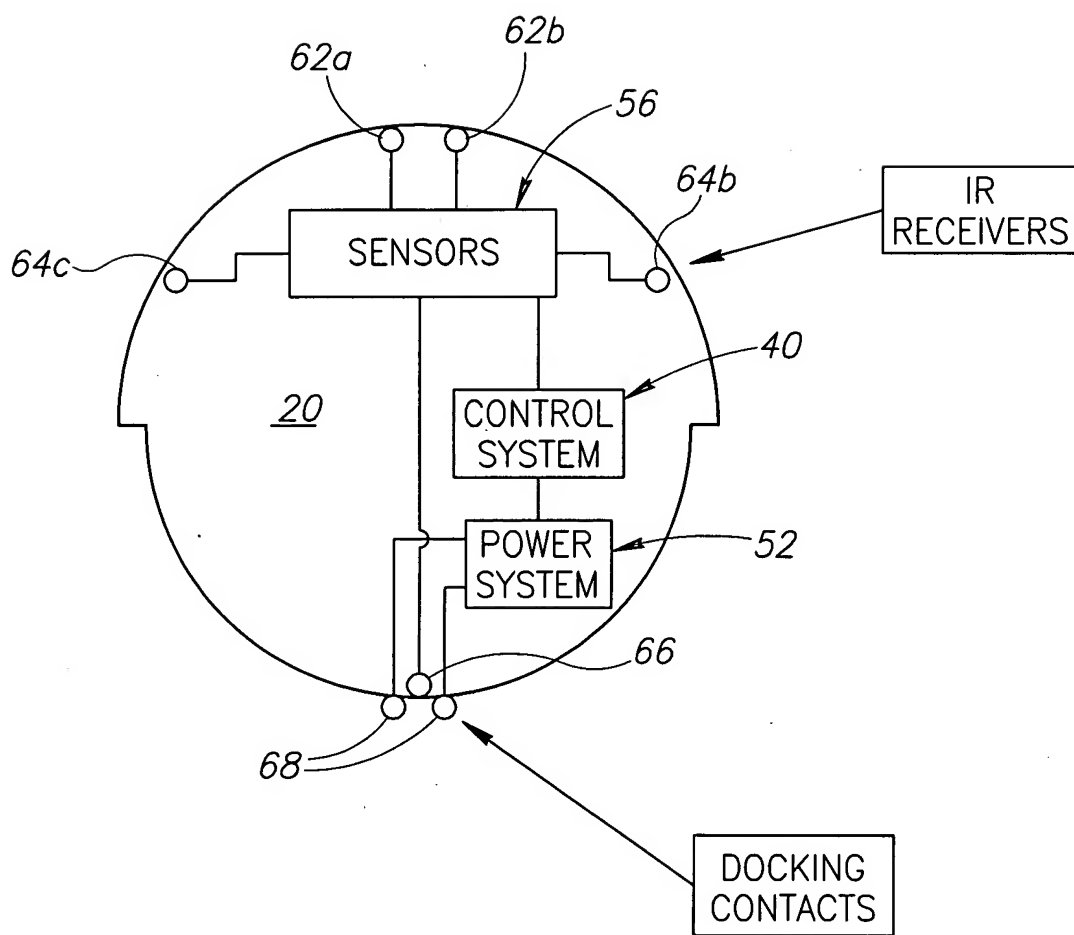
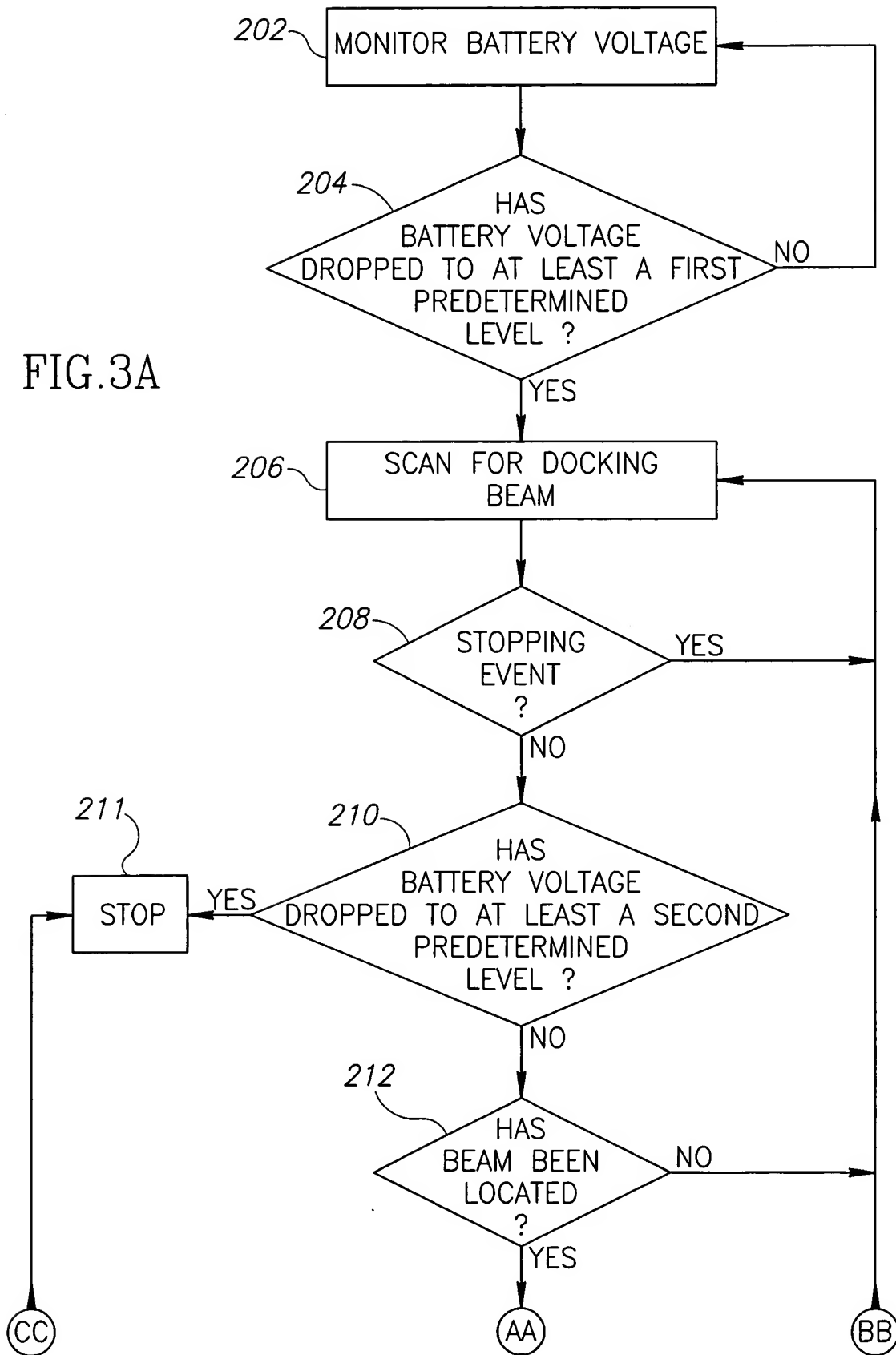
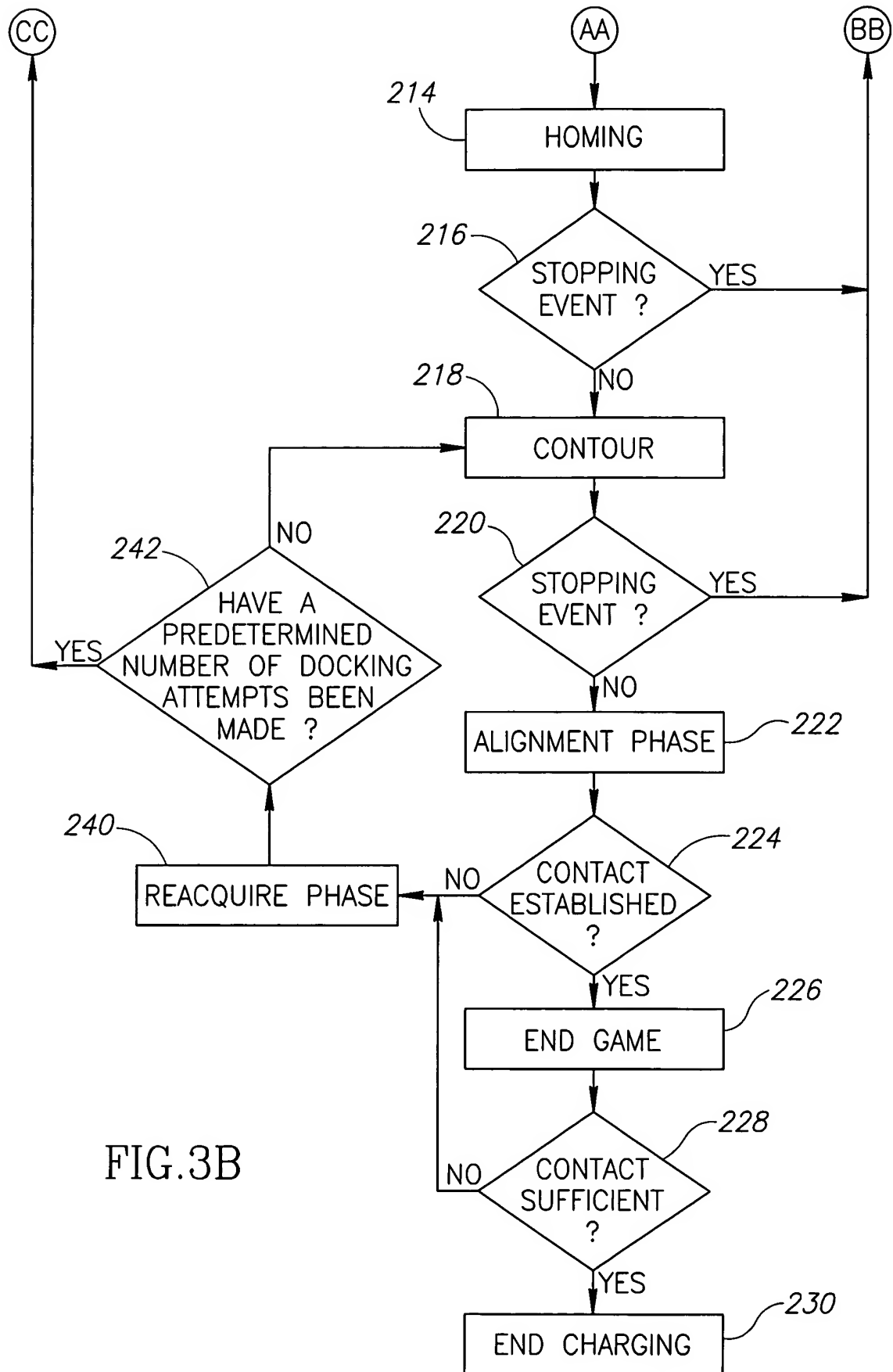


FIG.2

FIG.3A





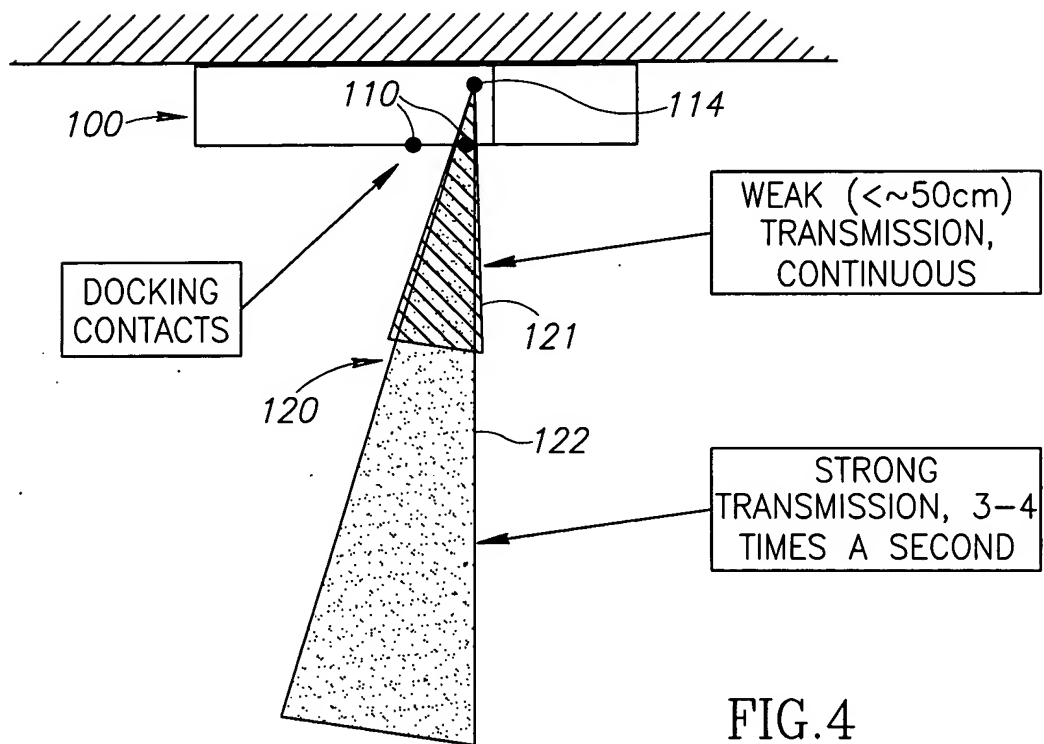


FIG. 4

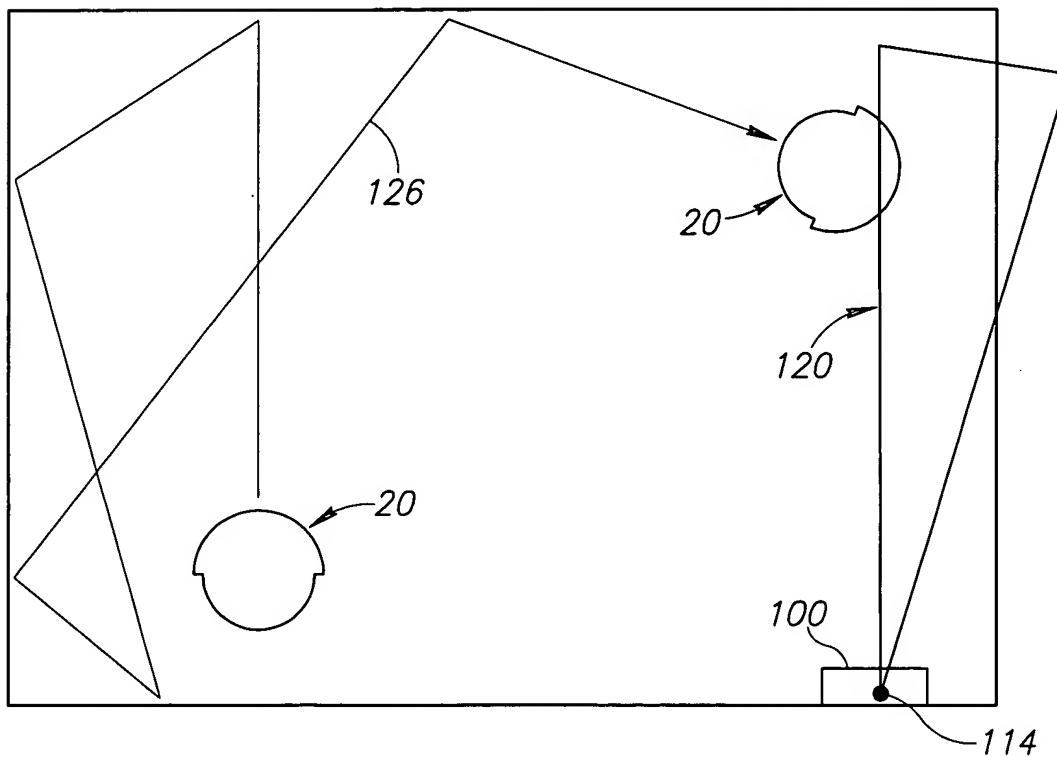
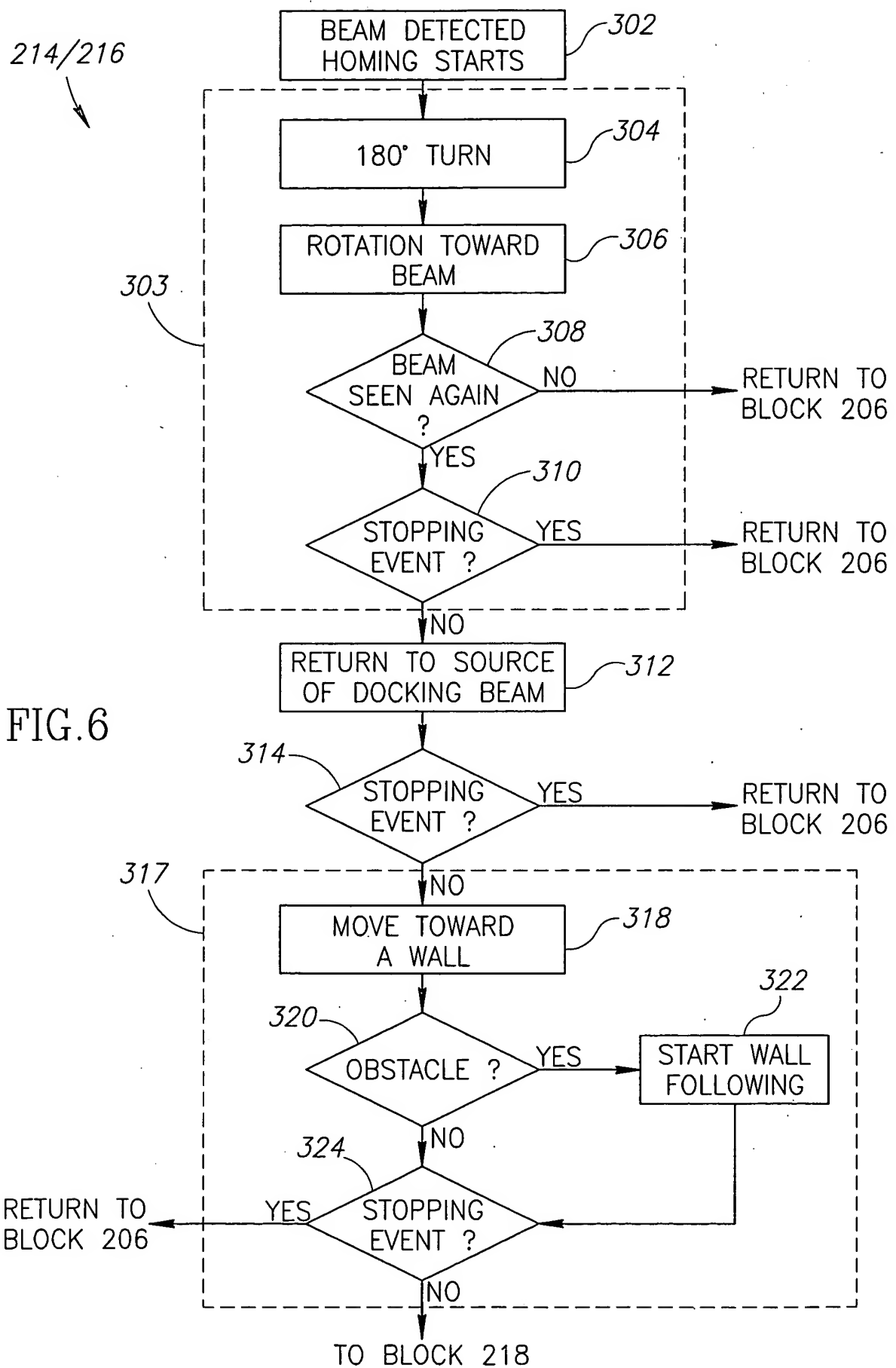


FIG. 5



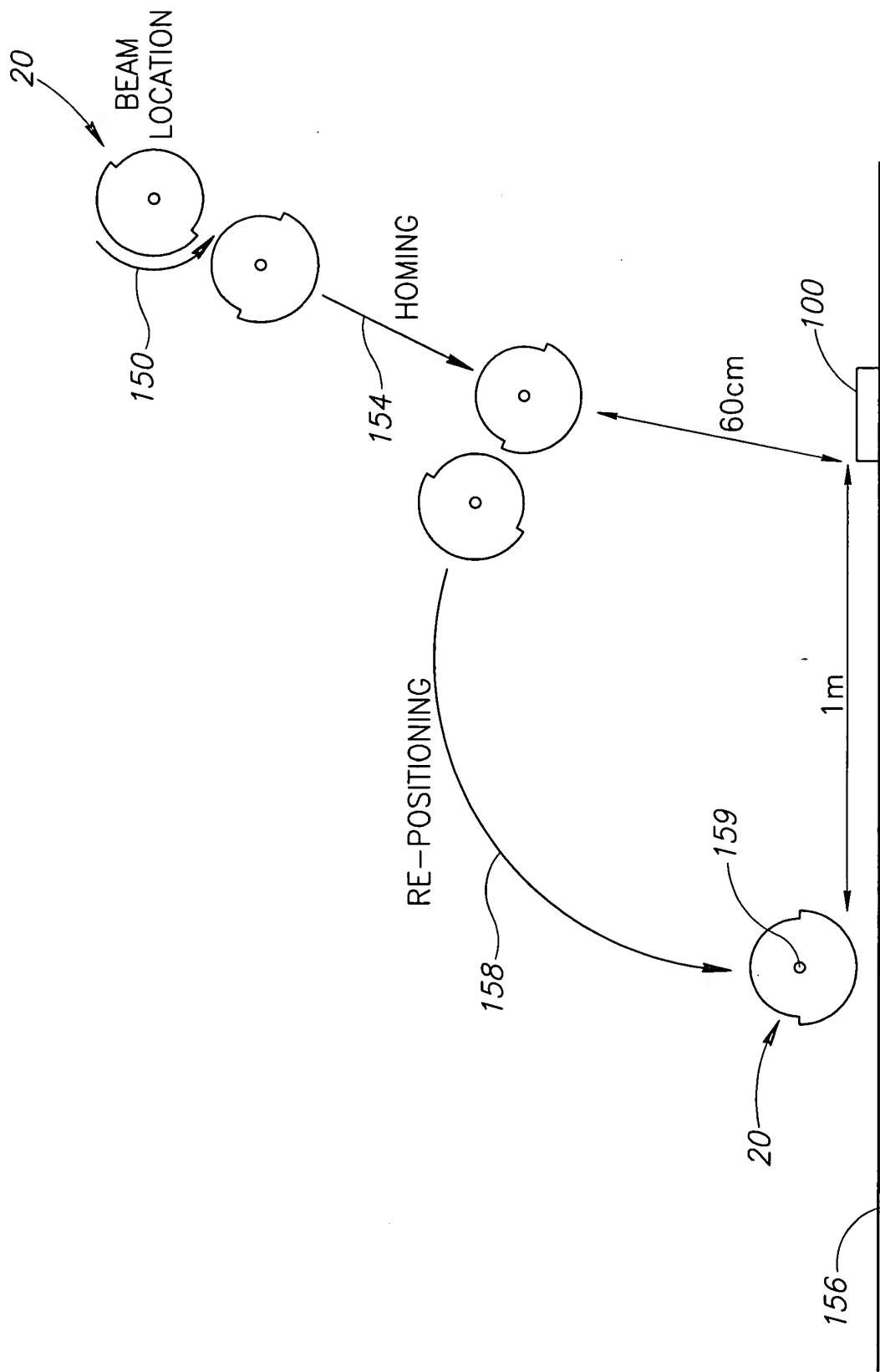


FIG.7

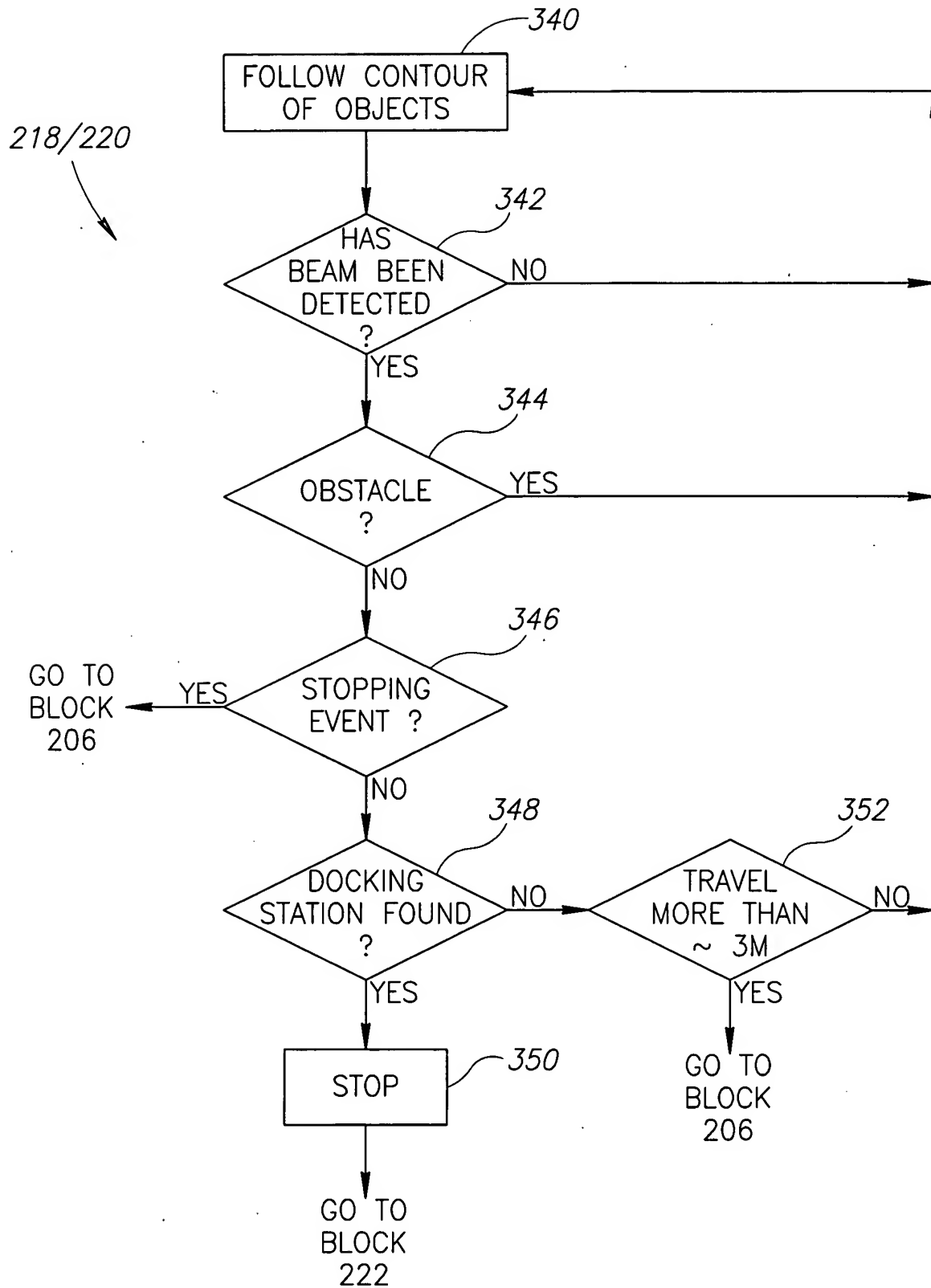


FIG.8

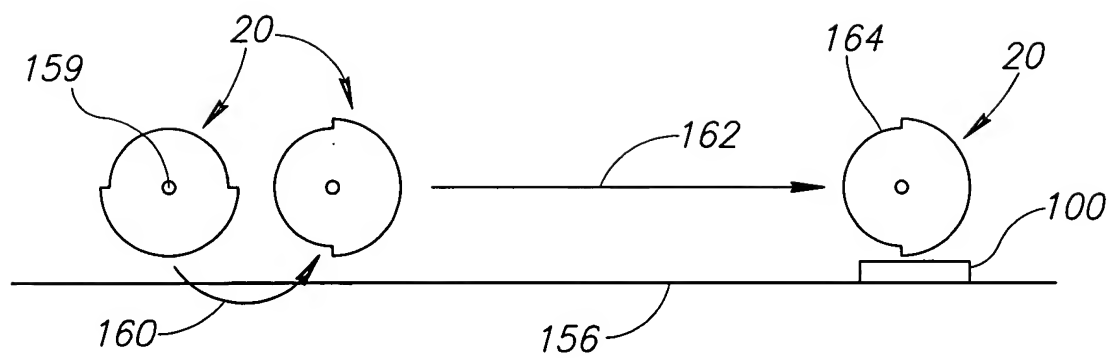
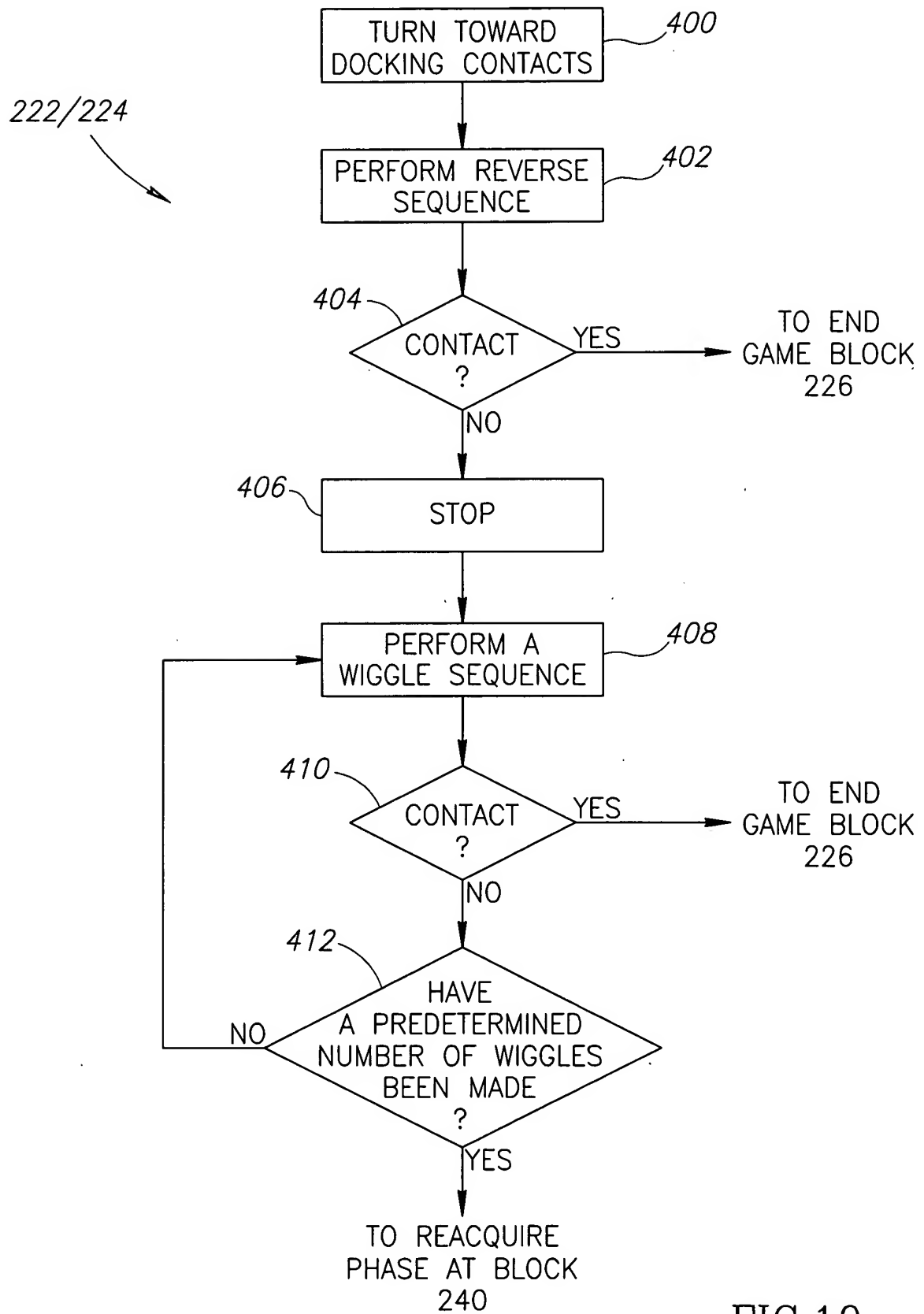


FIG.9



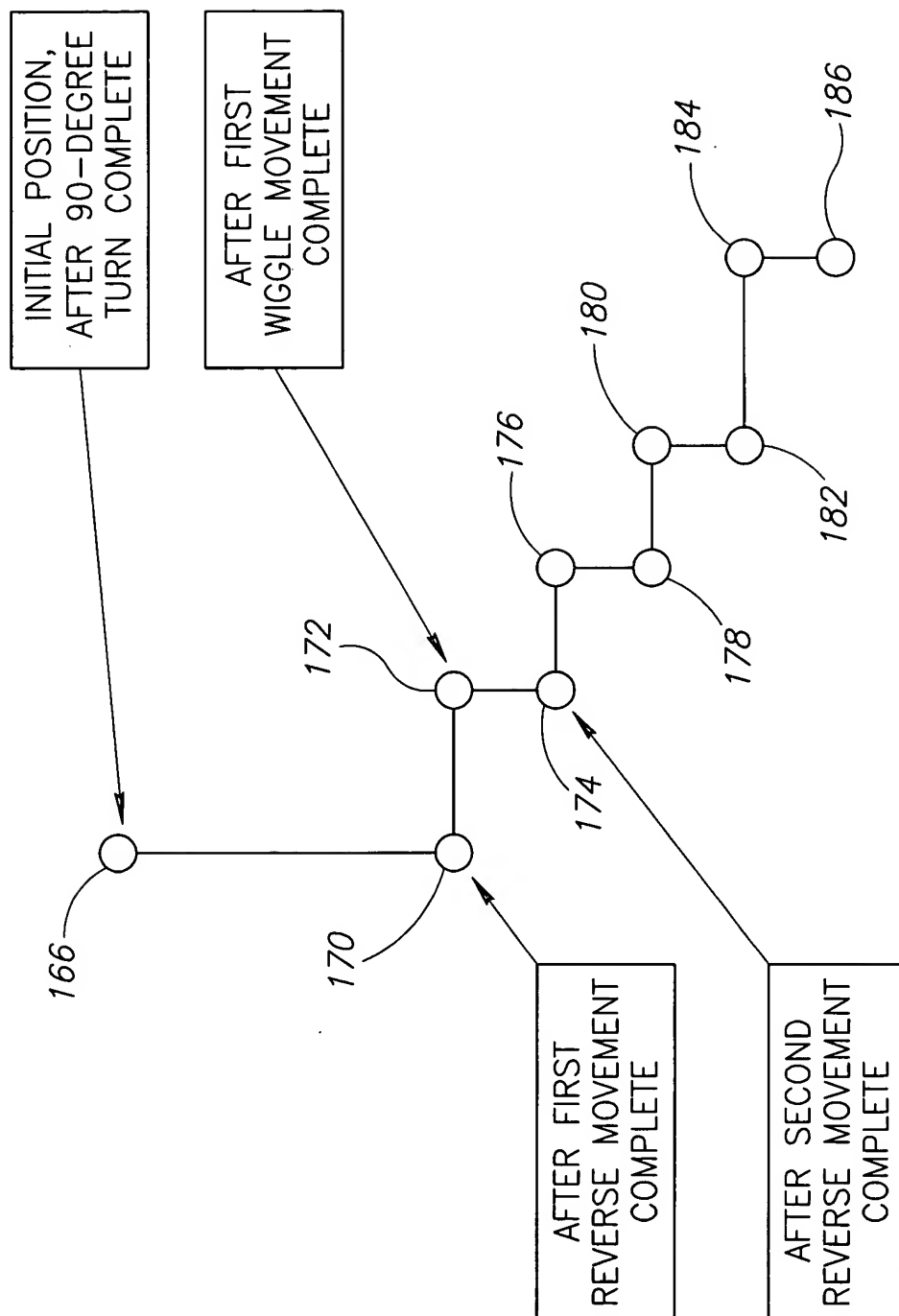
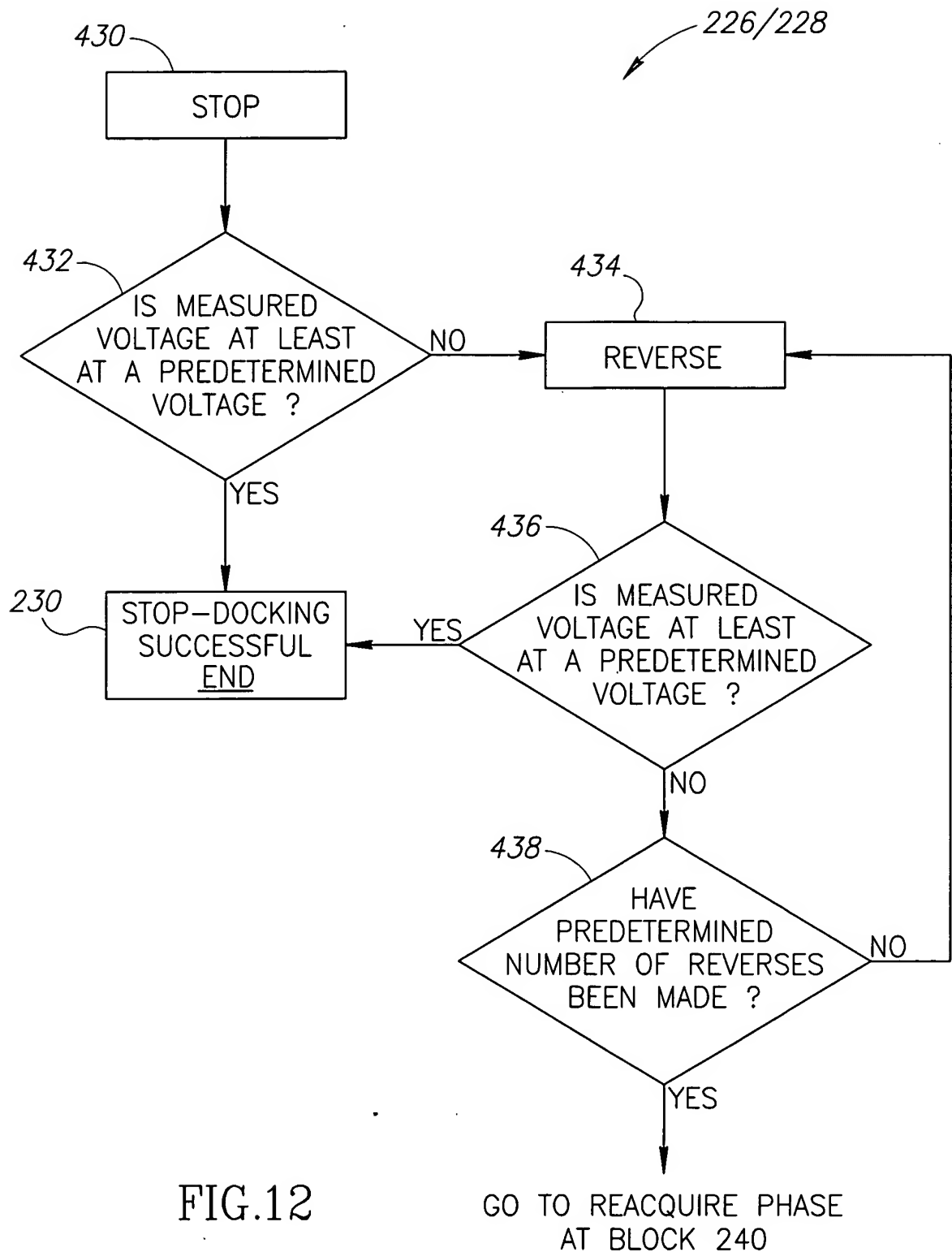


FIG.11



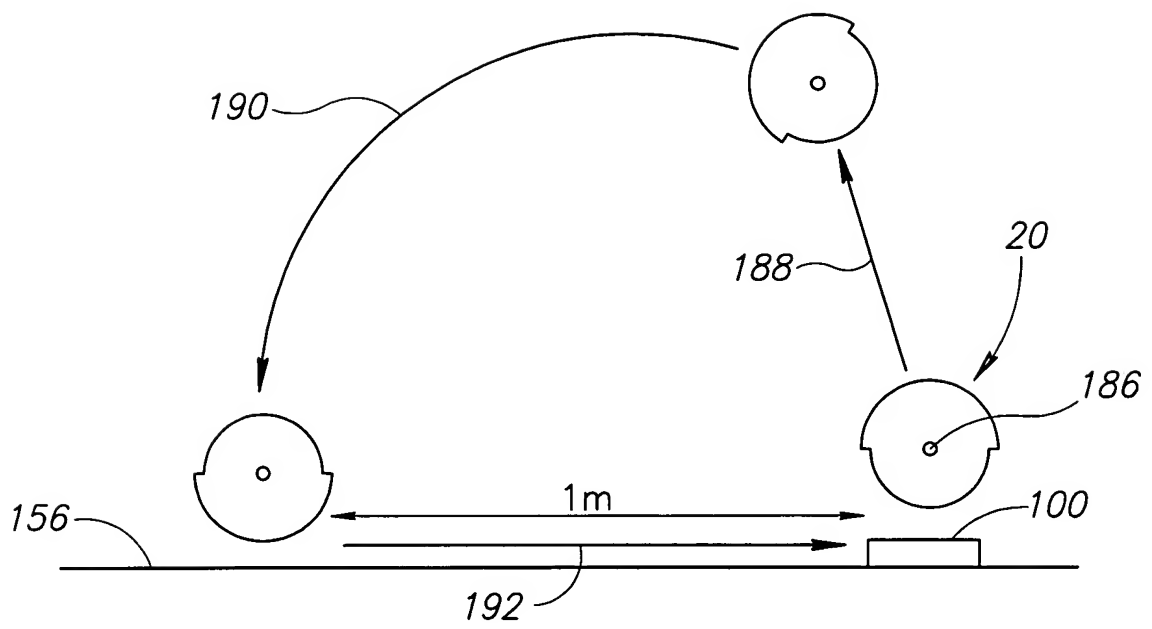


FIG.13

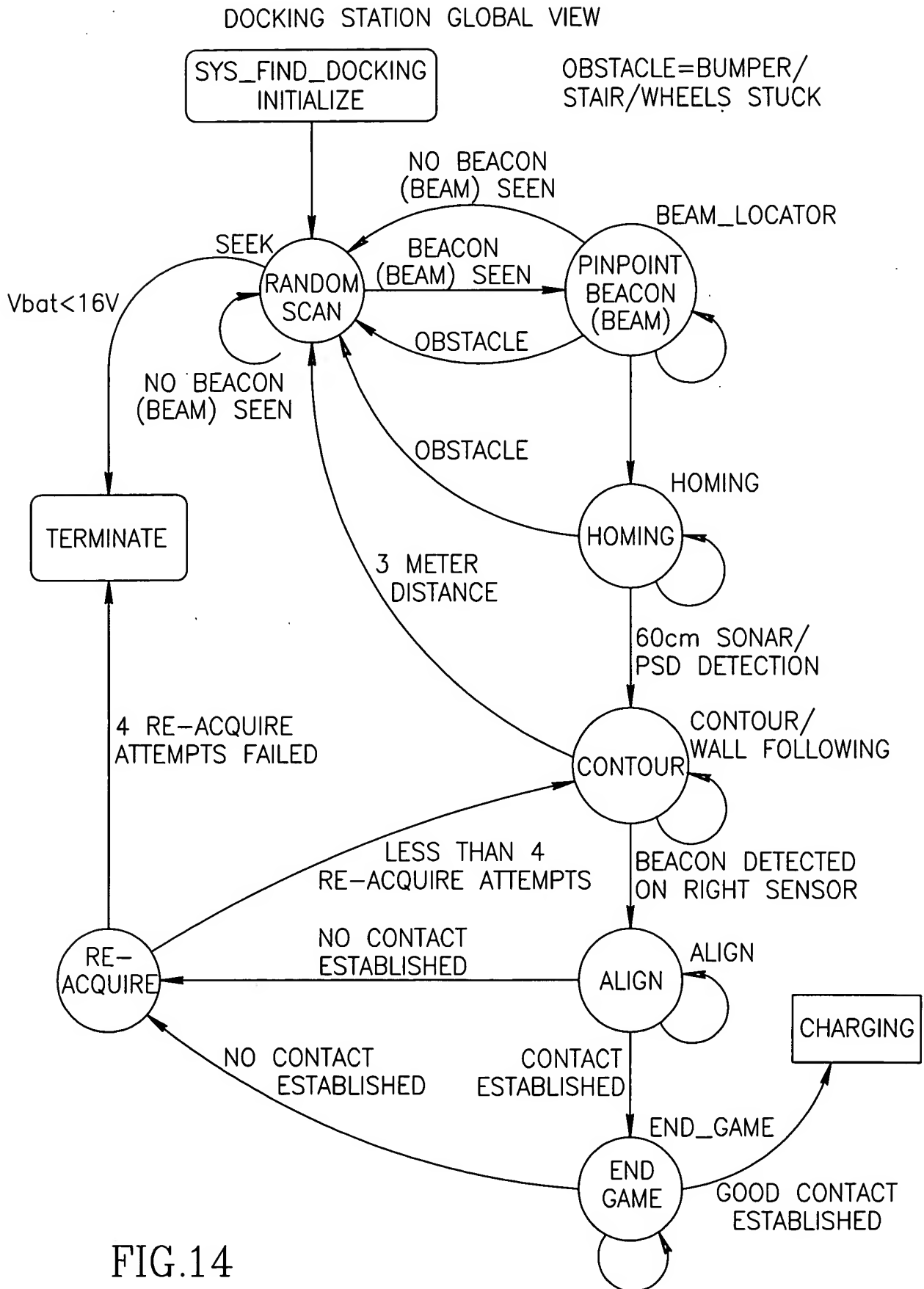


FIG.14

PINPOINT BEACON (BEAM) STATE MACHINE

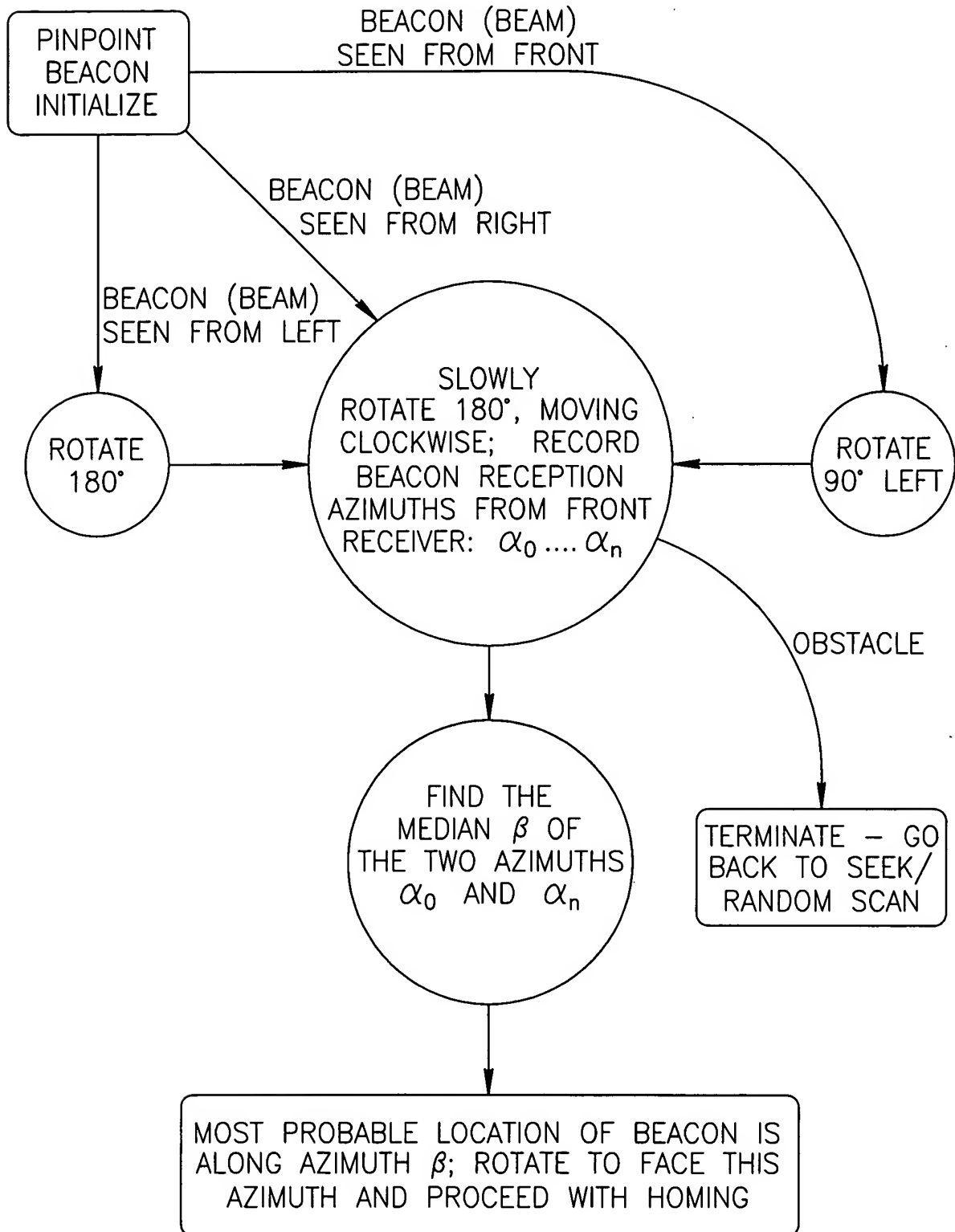
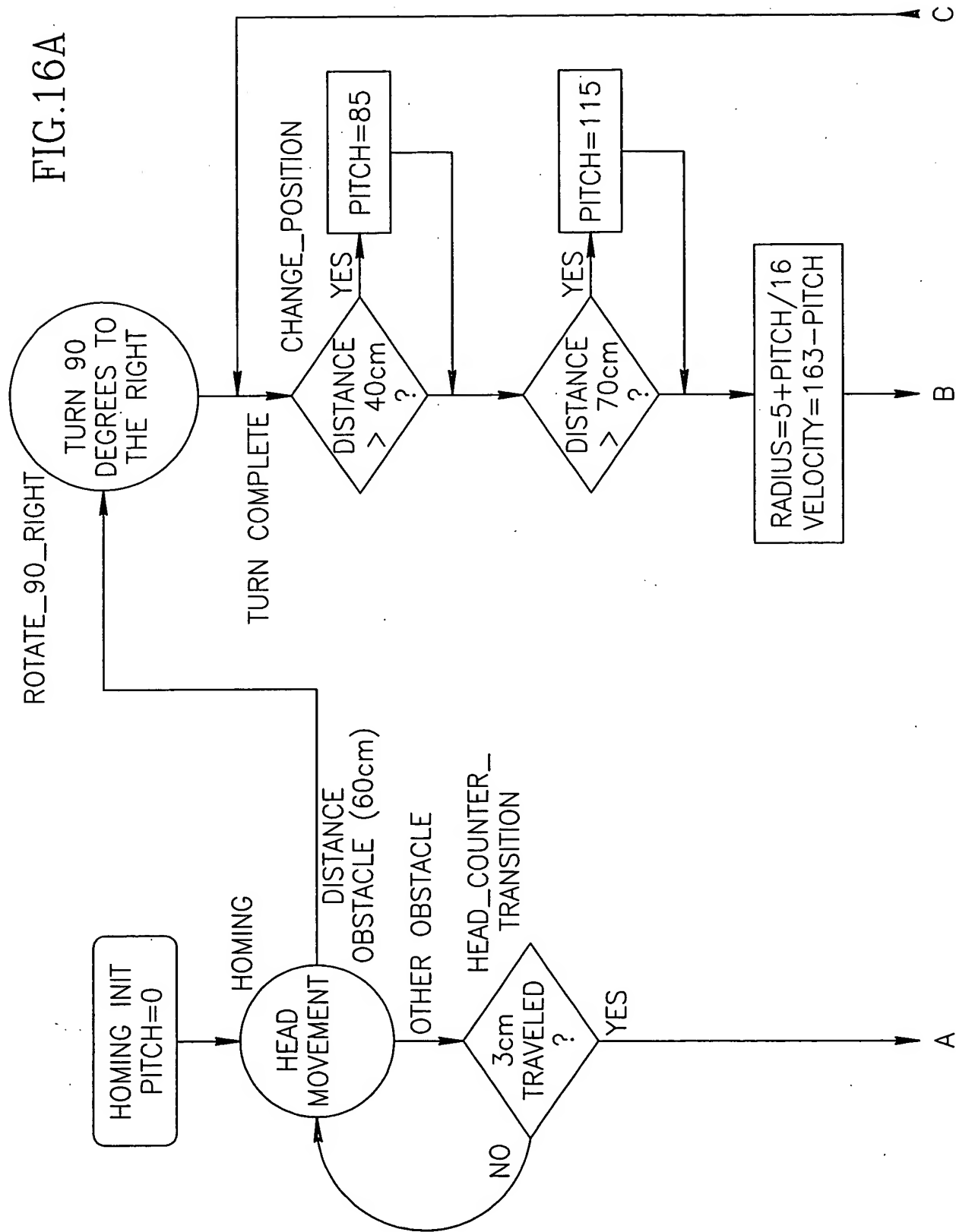


FIG.15

HOMING STATE MACHINE

FIG.16A



HOMING STATE MACHINE

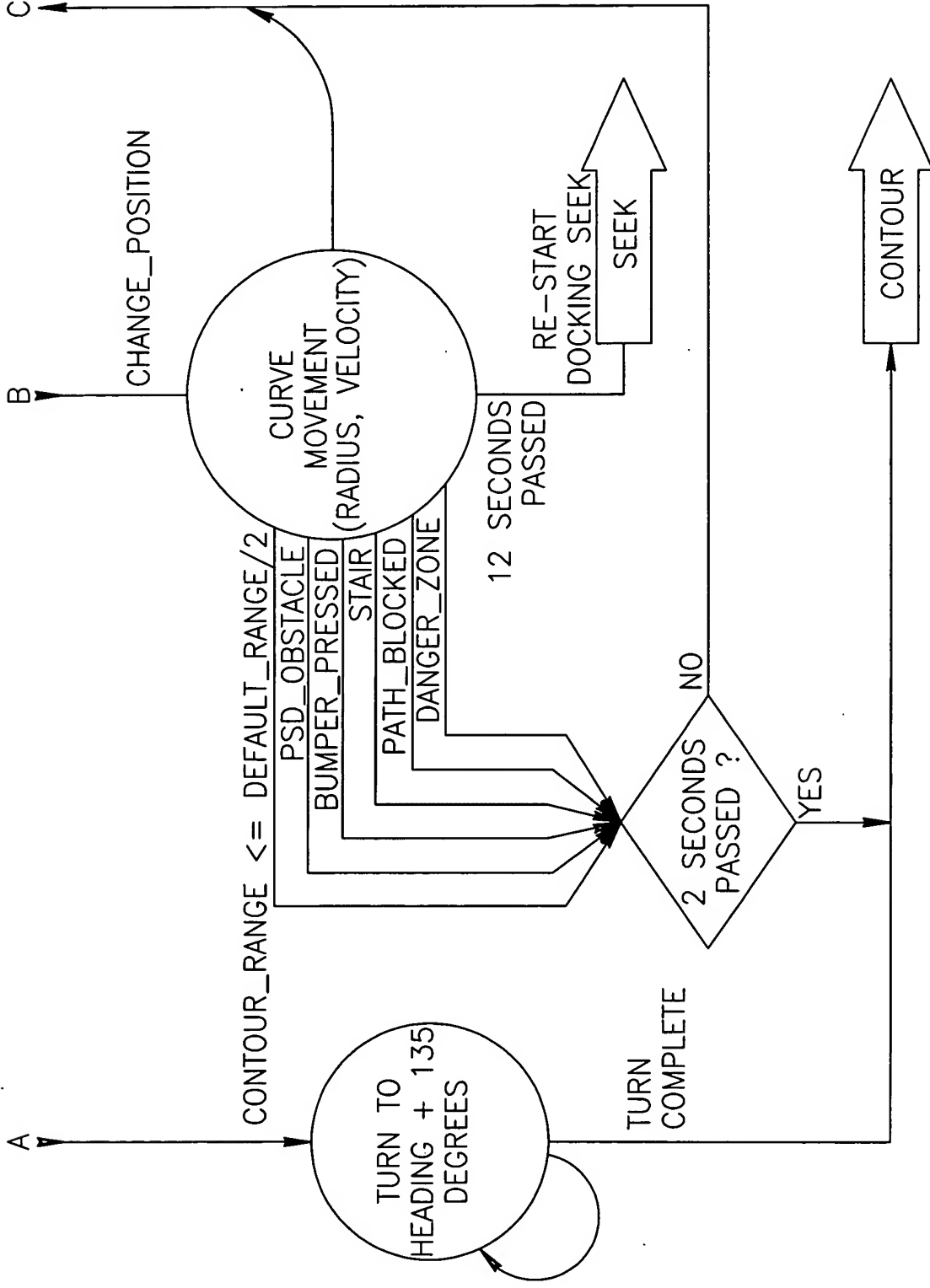


FIG.16B

CONTOUR (WALL FOLLOWING) STATE MACHINE

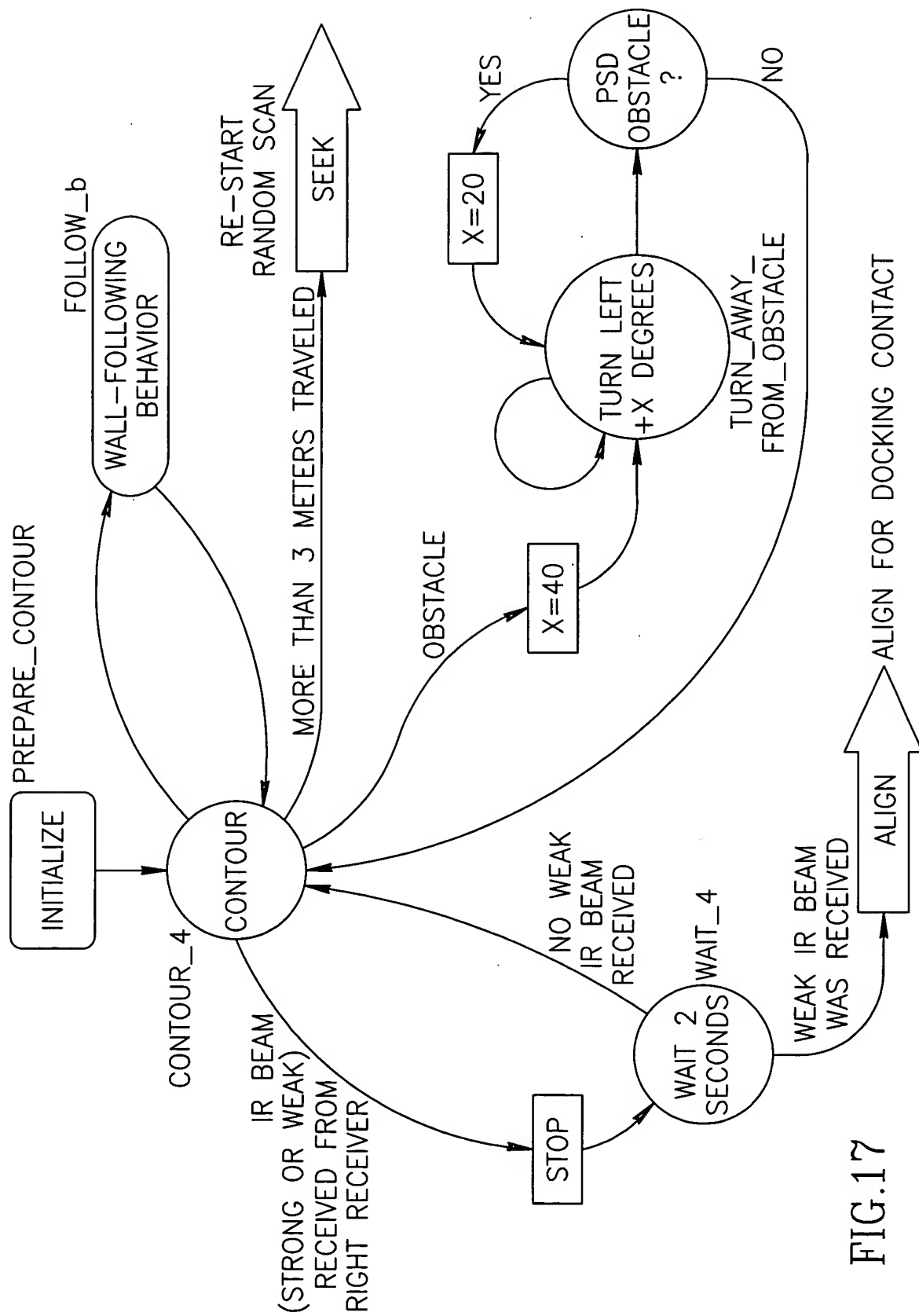
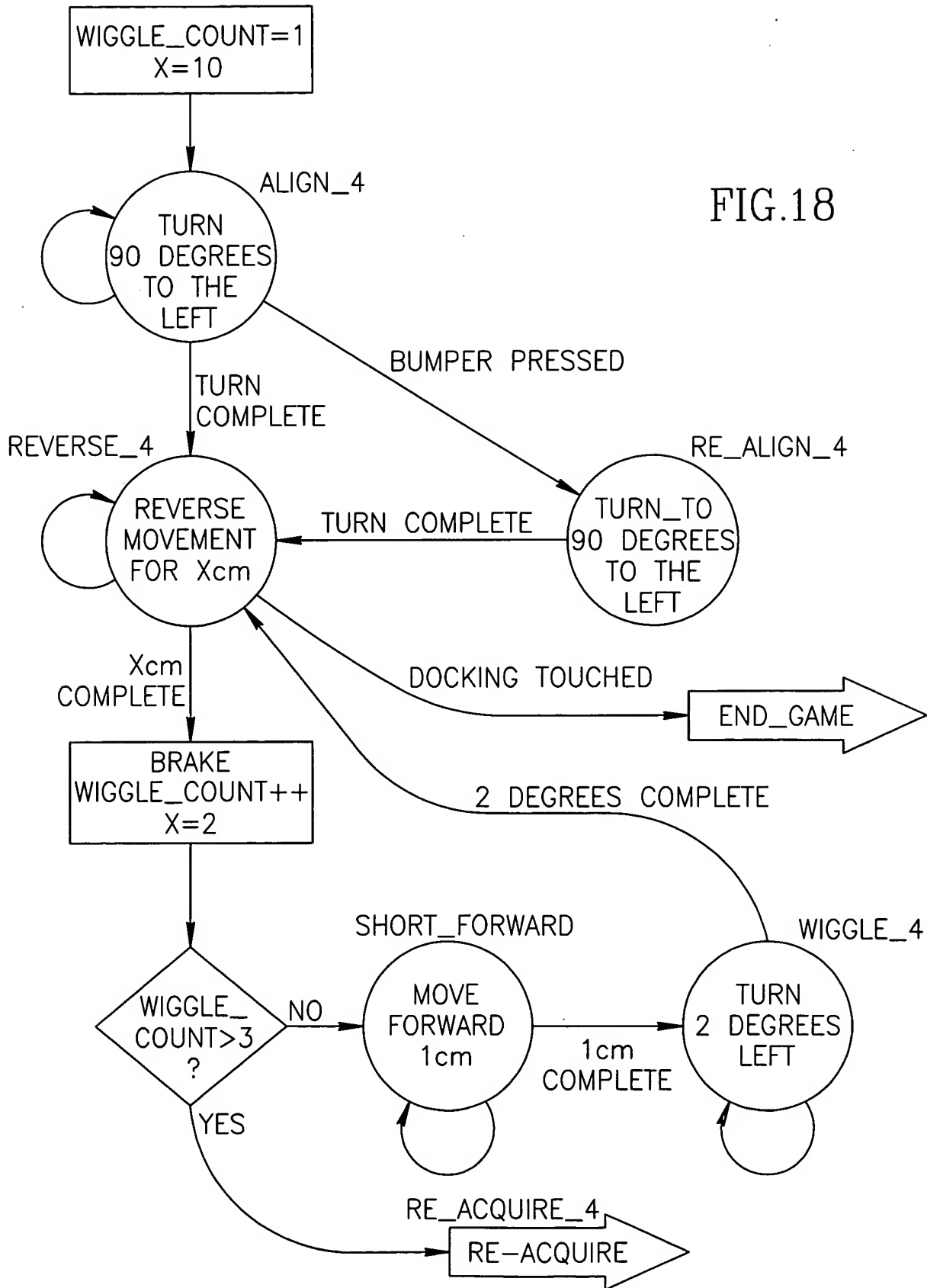


FIG.17

ALIGN STATE MACHINE

FIG.18



FINAL DOCKING/END GAME STATE MACHINE

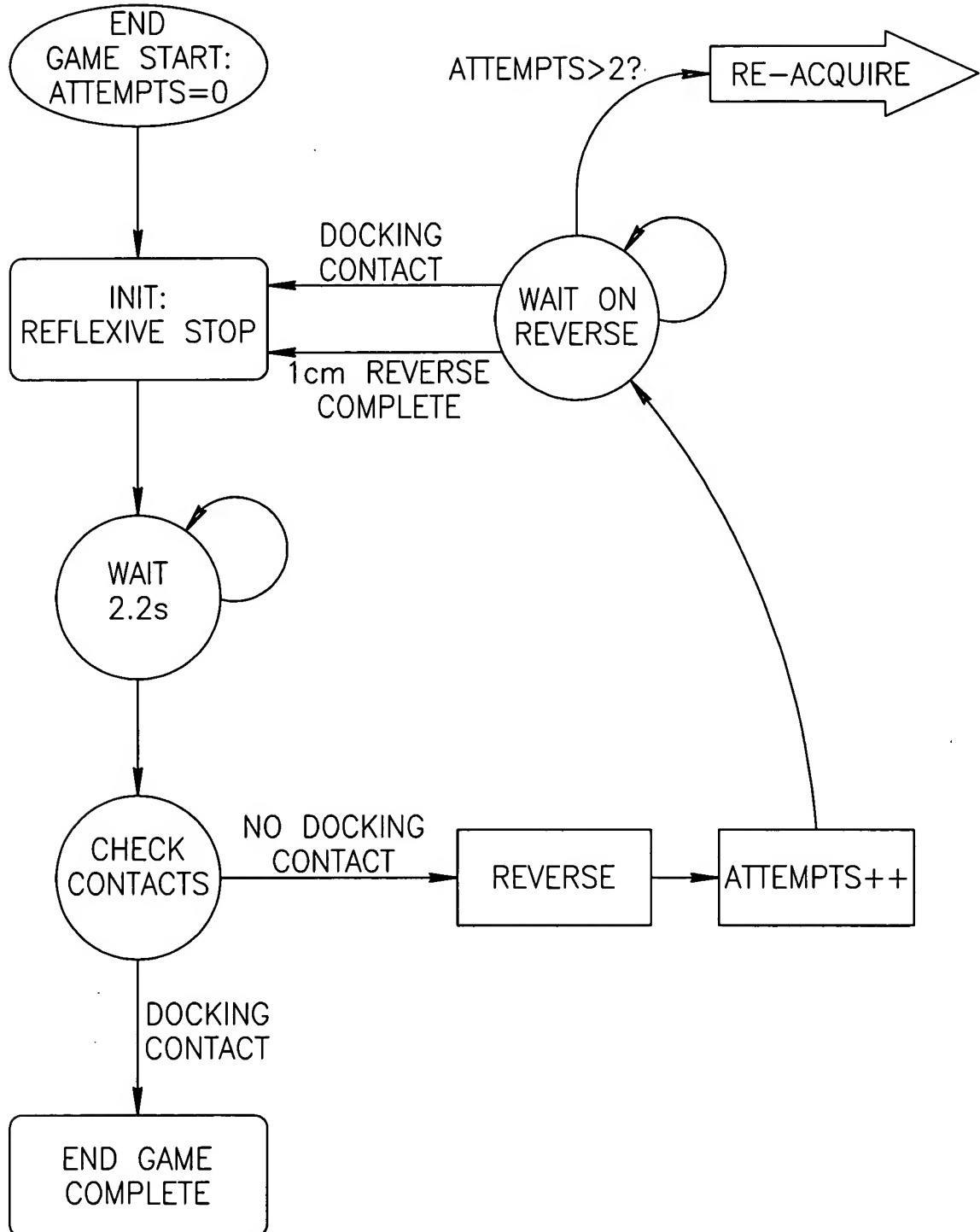


FIG.19